

# Final Report

Targeted Runoff Management Grant Program and Urban Nonpoint  
Source and Storm Water Management Grant Program

Form 3400-189 (R 6/08)

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Notice: This final report is authorized by ss. 281.65 and 281.66, Wis. Stats., and chs. NR 153 and NR 155, Wis. Adm. Code. Personally identifiable information collected will be used for program administration and may be made available to requesters as required under Wisconsin's Open Records Law [ss. 19.31-19.39, Wis. Stats.].

**Instructions:** Your grant agreement requires you to submit a Final Report 60 days after the end date listed in the grant agreement. This Final Report form must be used in conjunction with the "FINAL REPORT INSTRUCTIONS." The instructions detail how to complete and submit the report to DNR. The DNR prefers that Final Reports be submitted in electronic format. If, however, printed copies of Final Reports are submitted, please submit three (3) complete originals to your regional Nonpoint Coordinator.

## 1. Grant Type -- Please check one.

- ☐ Targeted Runoff Management Grant -- Agricultural
- ☐ Targeted Runoff Management Grant -- Urban
- ☐ Urban Nonpoint Source & Storm Water Management Grant -- Construction
- ☒ Urban Nonpoint Source & Storm Water Management Grant -- Planning

## 2. Grantee & Project Information

Project Name <b>Stormwater Management Plan and Utility</b>	Grant Number <b>USP - UR02-28246-06</b>
Governmental Unit Name <b>City of Lake Mills</b>	Primary Watershed Name and Watershed Code <b>Lower Crawfish River</b>
Nearest Water Body Name	Nearest Water Body Identification Code (WBIC) (if applicable)
DNR Water Management Unit (River System) Name <b>Upper Rock River</b>	s. 303 (d) Listed Waterbody? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No.

What pollutant(s) were addressed by the project (e.g., nitrogen, phosphorus, sediment, thermal control, etc.)?

**The project developed a comprehensive plan and dedicated funding source to address sediment and other nonpoint source pollutants**

For each project site location provide the following: (attach additional sheets if necessary)

Location:		A	B	C	D	E
Minor Civil Division Name (City, Township, Village, etc.)		City of Lake Mills	(continued)	(continued)	(continued)	
PLSS	Town	T7N	T7N	T8N	T8N	
	Range	R13E	R14E	R13E	R14E	
	Section	1,2,11,12,13,14,23,24,25	6,7,8,17,18,19,20,30	36	31	
	Quarter	ALL, except for north half of 25	ALL, except W half of 8, 17 & 20	South half of 36	South half of 31	
	Quarter-Quarter	--	--	--	--	
Latitude (degrees, minutes, seconds North of Equator; use the DNR's Surface Water Data Viewer, SWDV)		43 deg. 4' 44"				
Longitude (degrees, minutes, seconds W of Prime Meridian, use the SWDV)		88 deg. 54' 49"				
Property Owner(s)	Name	N/A				
	Mailing address	N/A				

Site address (Not mailing address)	N/A				
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### 3. Summary of Results

#### A. Performance Standards and Prohibitions and Other Water Resources Management Priorities

For grants issued in calendar year 2006 or later, complete Tables A and B (following) consistent with the entries on your grant application.

**TABLE A. PERFORMANCE STANDARDS AND PROHIBITIONS** (per ch. NR 151, Wis. Adm. Code, effective October 1, 2002)

Performance Standard or Prohibition	Units of Measure	Quantity	Measurement Method Used
Sheet, rill and wind erosion	Acres meeting T		
Manure Storage Facilities: New Construction/Alterations	Number of facilities		
	Number of animal units		
Manure Storage Facilities: Closure	Number of facilities		
Manure Storage Facilities: Failing/Leaking Facilities	Number of facilities		
	Number of animal units		
Clean Water Diversions in WQMA	Pollutant load reduction		
	Number of farms with diversions		
	Number animal units		
Nutrient Management on Agricultural Land	Acres planned		
Prohibition: Manure Storage Overflow	Number of facilities		
	Number of animal units		
Prohibition: Unconfined Manure Pile in WQMA	Number of farms		
Prohibition: Direct Runoff From Feedlot/Stored Manure	Pollutant load reduction		
	Number of facilities		
	Number of animal units		
Prohibition: Unlimited Livestock Access	Feet of bank protected		
	Number of farms		
Urban: 20-40% Reduction in Total Suspended Solids (TSS)	Pounds TSS reduced		
	% TSS reduction		

**TABLE B. OTHER WATER RESOURCES MANAGEMENT PRIORITIES**

I. Agricultural Areas	Units of Measure	Quantity	Measurement Method Used
Buffers	Feet of bank protected		
	Number of farms		
Streambank	Tons of bank erosion reduced		
	Feet of bank protected		
Other (specify)			
II. Developed Urban Areas	Units of Measure	Quantity	Measurement Method Used
Urban: 20-40% Reduction in TSS	Pounds TSS reduced		
	% TSS reduction		
Infiltration	% Pre-development stay-on volume		
	Cubic feet stay-on volume		
Peak flow discharge	Change in cubic feet per second		
Protective areas	Feet of bank protected		
Fueling & maintenance areas	Oily sheen presence		
Streambank	Tons of bank erosion reduced		
	Feet of bank protected		
Other (specify)			
III. Planning	Units of Measure	Quantity	Measurement Method Used
Quantify how implementation of the planning project decreased storm water impacts on state waters (i.e., storm water plan, I & E plan, etc.)	Municipalities planned for	1	Count
	Acres planned for	2287	Measured
Document/track progress made in implementing the planning product (i.e., ordinance, utility district evaluation/formation, storm water management plan information & education, etc.)	Municipalities planned for	1	Count
	Acres planned for	2287	Measured

Other (specify)			
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**B. Project Results Narrative**

**Stormwater Utility** - This project satisfies all items as identified in the DNR-approved Professional Services Contract between the City of Lake Mills and Strand Associates. This project resulted in creation of supporting data for creation of a Stormwater Utility District in the City of Lake Mills. Supporting data included a Feasibility Study, including analysis of stormwater costs and funding alternatives, as well as measurement of all nonresidential impervious areas and typical residential impervious areas. Based on this data, estimates were made of Equivalent Runoff Units and probable rates per ERU's. The Feasibility Study was approved by the City Council in June 2007. Along with guidance from a Stormwater Utility Task Force, a draft stormwater utility ordinance and credit policy were developed. The Stormwater Utility Task Force held six meetings at the end of 2008 and developed a document titled "Stormwater Utility Task Force Findings". The general consensus of the task force included recommendations to the City Council not to proceed with adoption of the Stormwater Utility. Primary reasons included the current economic climate, potential negative impacts to area businesses, and lack of a stormwater permit mandate to force additional spending. The City Council subsequently voted down adoption of the Stormwater Utility at the May 5, 2009 City Council meeting. However, the framework of the Stormwater Utility has been completed, including the following elements: Stormwater Utility Ordinance, Credit Policy, Impervious Area Mapbook, Creation of a Billing Database, and Development of a Stormwater Utility Rate Structure. Should the City choose to adopt the Stormwater Utility in the future, this information can be used.

**Stormwater Plan** - The project has been completed in conformance with the DNR-approved Professional Services Contract between the City of Lake Mills and Strand Associates. A final draft of the Stormwater Management Plan was drafted in March 2009 and presented it to the City Council on April 7, 2009. The report includes recommendations regarding implementation of several structural and non-structural BMPs that will increase the City-wide TSS reductions by 17. % (129,035 pounds) from the current 12.9% (55,181 pounds) to 30.1% (300,099 pounds). This includes implementation of two wet stormwater basins and purchase of a new vacuum street sweeper. The report also includes a draft illicit discharge ordinance for the City to consider for adoption.

**4. Satisfaction of Notice Requirements (if applicable)**

If cost sharing for this project was offered under a formal notice to achieve compliance with performance standards or prohibitions, provide information for each notice in the table below.

Notice Information				Notice Satisfaction Information		
Notice Type	Issue Date	From (Name)	To (Name)	Satisfied?		Date Letter Sent
				Yes	No	
				<input type="checkbox"/>	<input type="checkbox"/>	
				<input type="checkbox"/>	<input type="checkbox"/>	
				<input type="checkbox"/>	<input type="checkbox"/>	
				<input type="checkbox"/>	<input type="checkbox"/>	

**5. Summary of Project Challenges**

Challenges included getting political and public support which is typical of stormwater utility formation. These challenges included educating the public and elected officials of the need for a stormwater utility. Also, providing the public with an understanding that the proposed utility is primarily a shift in the method of funding stormwater management improvements and not a "new tax" was also challenging.

**6. Additional Information about the Project (optional)**

**7. Final Product(s) -- All Projects**

**A. Construction Projects**

- ☐ A.1. Checking here indicates that a printed copy of project plans and specifications was sent to your DNR Regional Nonpoint Source Coordinator.
- ☐ A.2. Checking here indicates that photo-documentation of the project's construction is attached.

**B. Planning Projects**

- ☒ B.1. Checking here indicates that a printed copy of the planning product (e.g., plans, ordinances, analyses) was sent to your DNR Regional Nonpoint Source Coordinator.

- ☒ B.2. Checking here indicates that the Regional Nonpoint Source Coordinator has approved the final Planning Product(s). *(SW UTILITY FEAS. STUDY ONLY)*

- ☒ B.3. Checking here indicates that your governmental unit has adopted the final Planning Product(s). *(SW FEASIBILITY STUDY ONLY)*

Name of Planning Document(s)	Date(s) effective	Date Submitted to NPS Coordinator
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Stormwater Utility Feasibility Study  
Stormwater Management Plan

4/2007  
3/2009

11/27/2007  
5/2009

8. Grantee Certification:

☒ Checking here certifies that, to the best of your knowledge, the information contained in this report is correct and true.

Type or print Name and Title of Authorized Representative certifying here.

Steve Wilke, City Manager

Signature of Authorized Representative

Date

X

*Steve Wilke*

X

5/11/09

9. FOR DEPARTMENTAL USE ONLY

REGIONAL NONPOINT COORDINATOR -- Please complete the following:

- ☐ Checking here indicates that you received either planning or construction plans and specifications from the project sponsor, as appropriate. Attach a copy of the approval.
- ☐ Checking here indicates that you approved the final construction. Attach a copy of the final construction approval.
- ☐ Checking here indicates that you have approved the final Planning Product(s).
- ☐ Check here if two (2) signed, original copies of the Final Report and attachments have been sent to Runoff Management Section Grants Coordinator. Note: Regional Nonpoint Source Coordinator may retain one (1) copy of the signed, original Final Report.

Type or print Name of Regional Nonpoint Coordinator

Signature of Regional Nonpoint Coordinator

Date